

125718-1000

REISSUE PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Reissue Application of: Andrew M. Pickard

Reissue Application Serial No.:

Reissue Filing Date:

Title: Remote Control Door Lock System

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Examiner:

Group Art Unit:

Box Reissue  
Commissioner for Patents  
Washington, D.C. 20231

**REISSUE PRELIMINARY AMENDMENT**

Sir:

Please amend the above-referenced reissue application as follows:

**IN THE CLAIMS**

Please add new Claims 20 through 39 as follows herein.

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20. (NEW) A wireless remote controlled lock system for a pedestrian door for a residential or commercial building wherein said door includes a door jamb adapted to support a striker plate cooperable with said door for latching said door in a closed and locked position, said lock system comprising:

a striker assembly adapted to mount at said jamb and including a striker plate member moveable between a first position to allow said door to open and a second position for locking said door in a closed position;

a control unit including a wireless signal receiver and a circuit for causing said striker assembly to provide for movement of said striker plate member to said first position for a predetermined time period; and

a wireless transmitter operable to transmit a signal to said receiver to effect operation of said striker assembly to provide for movement of said striker plate member to said first position.

21. (NEW) The lock system set forth in Claim 20 wherein:

said circuit includes circuit elements operable upon receiving a first signal by said receiver from said transmitter to cause said striker assembly to provide for movement of said striker plate member to said first position and upon receiving a second signal from said transmitter by said receiver to cause said striker plate member to move to said second position.

22. (NEW) The lock system set forth in Claim 21 wherein:

said receiver and said circuit are responsive to the time interval between receipt of said first and second signals to determine said predetermined period of time.

23. (NEW) The lock system set forth in Claim 21 wherein:

said circuit elements include a first relay operably connected to a source of electrical power and said striker assembly and responsive to a first signal from said receiver to energize said striker assembly to provide for movement of said striker plate member to said first position and to hold said first relay in a condition to energize said striker assembly.

24. (NEW) The lock system set forth in Claim 23 including:

a second relay in said circuit comprising one of said circuit elements and operably connected to said first relay and to said receiver, said second relay being responsive to a signal from said receiver to effect operation of said first relay to de-energize said striker assembly.

25. (NEW) The lock system set forth in Claim 20 including:

a mode selector switch connected to said circuit and operable in a first position to cause said striker plate member to remain in said first position in response to a signal from said transmitter to said receiver.

26. (NEW) The lock system set forth in Claim 25 wherein:

said mode selector switch is operable to be in a second position for causing said circuit to energize said striker assembly for a predetermined time period commencing with a signal from said transmitter to said receiver.

27. (NEW) The lock system set forth in Claim 20 wherein:

said receiver includes first and second switches operable momentarily in response to said receiver receiving a first signal from said transmitter and a second signal from said transmitter, said first and second signals from said transmitter being spaced apart in time.

28. (NEW) The lock system set forth in Claim 20 wherein:

said control unit includes a connector for connecting said control unit to a source of AC electrical power, a transformer operably connected to said connector and a rectifier operably connected to said transformer for converting AC electrical power to DC electrical power for operation of said receiver and said striker assembly.

29. (NEW) The lock system set forth in Claim 28 including:

a voltage regulator interposed in said circuit between said rectifier and said receiver for regulating DC voltage to said circuit means.

30. (NEW) The lock system set forth in Claim 20 wherein:

said transmitter comprises a radio frequency transmitter and said receiver comprises a radio frequency receiver and said system includes a fob, said transmitter is disposed in said fob and is operable to be carried by a person authorized to operate said lock system.

31. (NEW) The lock system set forth in Claim 20 wherein:

said receiver and said circuit are responsive to a first signal from said transmitter to energize said striker assembly for said predetermined period of time to provide for movement of said striker plate member to said first position during said predetermined period of time.

32. (NEW) A remote control lock system for providing wireless remote control of locking and unlocking a pedestrian door in a residential or commercial building, said lock system including:

an electrically powered striker plate assembly, said striker plate assembly including a moveable striker plate member operable to be engageable with a door latch member, said striker plate member being operable in response to an electrical signal to said striker plate assembly to move from a door latching position to a door unlatching position;

a control unit including conductor means connected to said striker plate assembly, said control unit including a wireless signal receiver, connector means for connecting said control unit to a source of electrical power, said control unit further including a circuit operably connected to said receiver and to said striker plate assembly and responsive to a first signal transmitted to said receiver to cause said striker plate assembly to effect unlatching a door, said control unit being responsive to a second signal transmitted to said receiver to cause said striker plate assembly to be operable to latch said door in a closed position; and

a wireless transmitter operable to transmit said first and second signals to said receiver.

33. (NEW) The lock system set forth in Claim 32 wherein:

said circuit elements include a first relay operably connected to a source of electrical power and said striker assembly and responsive to a first signal from said receiver to energize said striker assembly to provide for movement of said striker plate member to said first position and to hold said first relay in a condition to energize said striker assembly.

34. (NEW) The lock system set forth in Claim 33 including:

a second relay in said circuit comprising one of said circuit elements and operably connected to said first relay and to said receiver, said second relay being responsive to a second signal from said receiver to effect operation of said first relay to de-energize said striker assembly.

35. (NEW) The lock system set forth in Claim 32 including:

a mode selector switch connected to said circuit and operable in a first position to cause said striker plate member to remain in said first position in response to a signal from said transmitter to said receiver.

36. (NEW) The lock system set forth in Claim 35 wherein:

said mode selector switch is operable to be in a second position for causing said circuit to energize said striker assembly for a predetermined time period commencing with a signal from said transmitter to said receiver.

37. (NEW) The lock system set forth in Claim 20 wherein:

said receiver includes first and second switches operable momentarily in response to said receiver receiving said first signal from said transmitter and said second signal from said transmitter, said first and second signals from said transmitter being spaced apart in time.

38. (NEW) The lock system set forth in Claim 32 wherein:

said control unit includes a connector for connecting said control unit to a source of AC electrical power, a transformer operably connected to said connector and a rectifier operably connected to said transformer for converting AC electrical power to DC electrical power for operation of said receiver and said striker assembly.

39. (NEW) The lock system set forth in Claim 38 including:

a voltage regulator interposed in said circuit between said rectifier and said receiver for regulating DC voltage to said circuit means.

## REMARKS

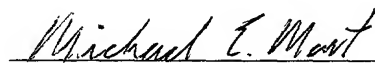
Applicant presents new Claims 20 through 39 in this reissue application. Applicant respectfully submits that each of the claims is fully supported by the disclosure as originally filed. Pursuant to the requirements of 37 CFR 1.73(c), the claims existing in the reissue application after entry of Claims 20 through 39 will be as follows, with citations to those portions of the specification supporting the new claimed subject matter:

Claims 1-19. Pending (Original claims unamended);

Claims 20-39. Pending (New): Support for Claims 20 through 39 may be found in Figs. 2, 2A and 3 of the drawings and col. 3, line 3 to col. 5, line 35.

Applicant respectfully submits that no new matter is added by this amendment and that the above claims are fully supported by the original disclosure. Accordingly, entry and allowance of Claims 1 through 39 is respectfully requested.

Respectfully submitted,



Michael E. Martin  
Agent for Applicant  
Registration No. 24,821  
Gardere Wynne Sewell LLP  
1601 Elm Street - Suite 3000  
Dallas, Texas 75201-4767  
(214) 999-4052- Tel  
(214) 999-3052 – Fax

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